

ELECTRIC, ELECTRONIC AND ELECTROMECHANICAL (EEE) PARTS ASSURANCE

LMS-OP-5515
Revision: B-1

Objective:

-to ensure that all EEE parts meet quality specifications according to the Product Assurance and Development Plan(s)

Approval original signed on file
Organizational Unit Manager
Systems Engineering Directorate

10/19/07
Date

General Information

No official records are generated by the implementation of this procedure.

Note 1

EEE Element must comply with NPD 8730.2 and where applicable, CID 5300.1

Note 2

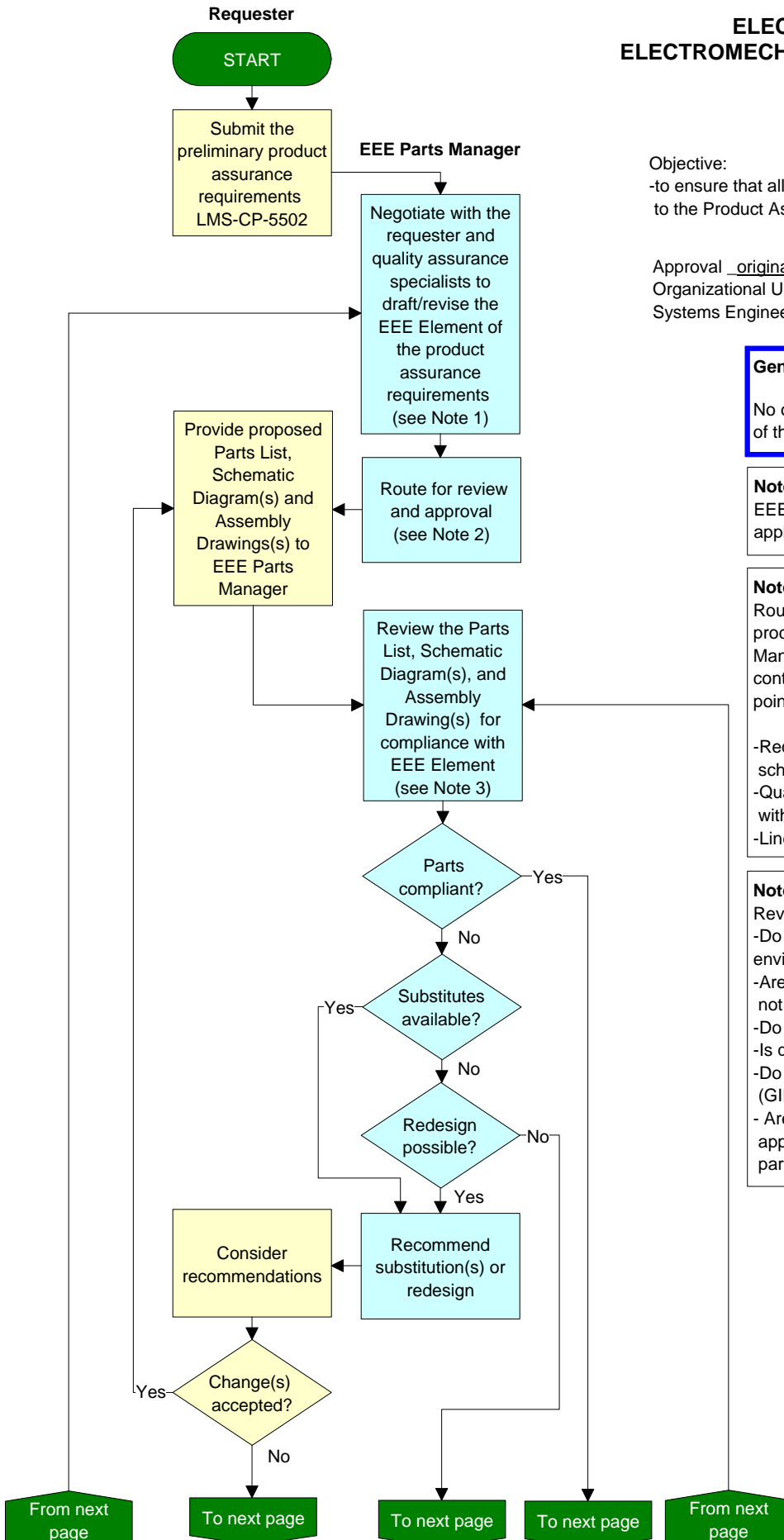
Route the Plan in the following order. At any time in the process, the plan can be returned to the EEE Parts Manager for revision. The EEE Parts Manager will continue the review process by returning the plan to the point of inquiry.

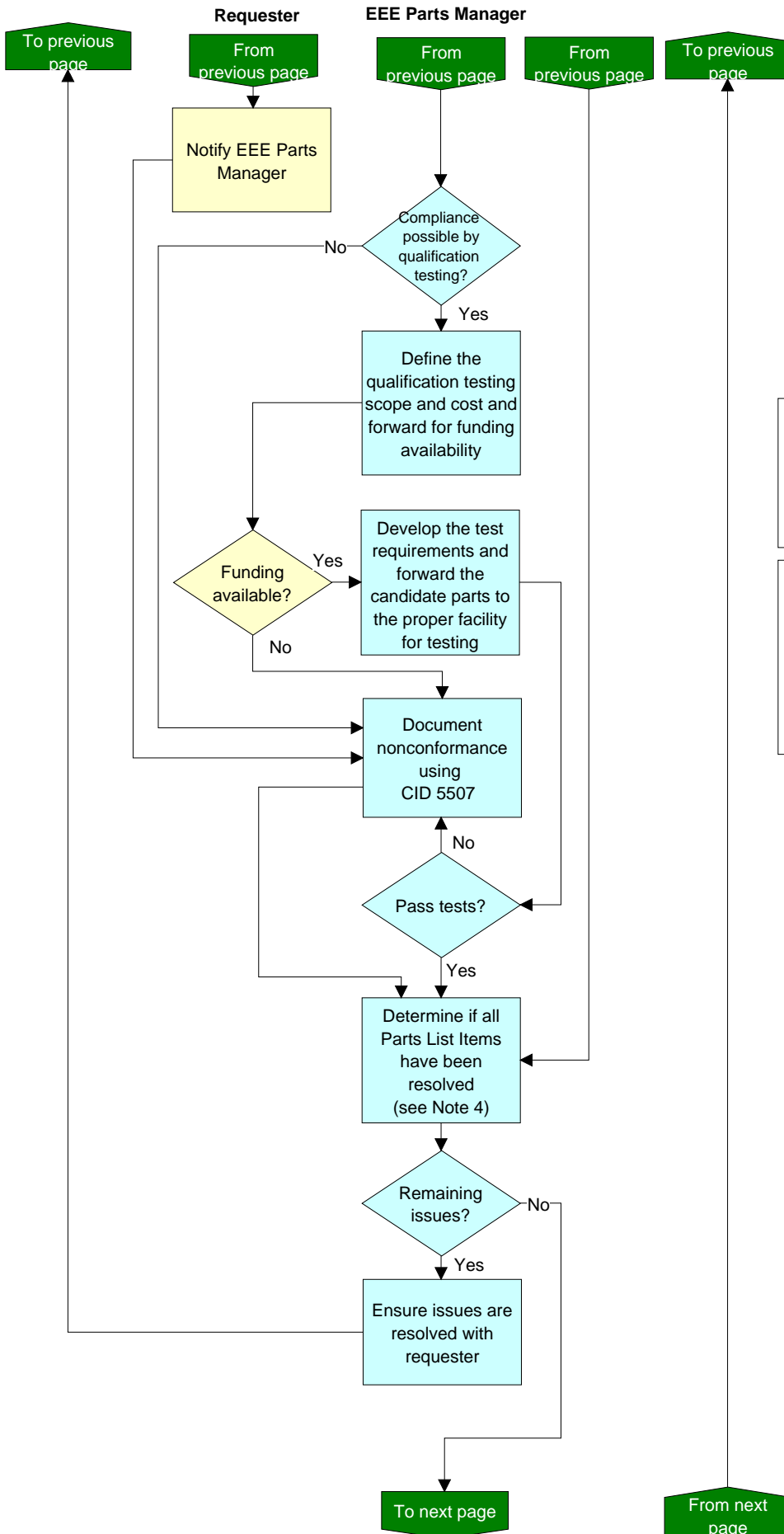
- Requester reviews for consistency with budget, schedule and mission objectives
- Quality Assurance Specialists review for compliance with known standards
- Line Management concurs for resource allocations

Note 3

Review the Parts List(s) for the following:

- Do all parts meet or exceed electrical, mechanical and environmental operational requirements?
- Are there available substitutes for those parts which do not meet requirements?
- Do substitutes require redesign?
- Is qualification testing prudent for newly selected parts?
- Do any Government Industry Data Exchange Program (GIDEP) alerts exist?
- Are there any assembly, process related or application/ implementation issues with any selected parts?





Note 4

Issues requiring resolution include:
-Incomplete parts list, schematic and assembly implementation related documentation
-Outstanding nonconformance
-Substitution issues

Note 5

Monitoring for changes includes:
-Evaluate the Parts List(s) changes to determine impact on EEE Parts Element
-Monitor NASA/Industrial Design and Reliability Problems
-Follow NPD 8730.2
-Notify requester of any potential changes

